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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Takayuki Takahashi et al. Confirmation No.:
Serial No. : 10/668,967
Filed : September 23, 2003
TC/A.U. : 1725

Examiner : L. R. Edmondson

Docket No. : 03-592
Customer No. : 34704

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with the requirements of 37 CFR 1.97 and 1.98, Applicant hereby submits the prior art listed hereinbelow, copies enclosed, which prior art was cited in the corresponding European application.

- (1) EP Patent No. 1 371 621;
- (2) US Patent No. 4,693,409;
- (3) US Patent No. 4,129,243;
- (4) US Patent No. 4,985,097;
- (5) US Patent No. 3,795,041;
- (6) Patent Abstracts of Japan Publication No. 11097203; and
- (7) Chiang W. L. et al: "Effect of Substrate and Pretreatment on Copper to AlN Direct Bonds" Ceramic Engineering and Science Proceedings, Columbus, US, vol. 12, no. 9/10 (1991), pgs. 2105-2114.

A listing on Form PTO-1449 is enclosed along with a copy of the non-U.S. documents.

The undersigned hereby certifies that each item contained in this information disclosure statement was first cited in the European international search report issued on March 10, 2006.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any

admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

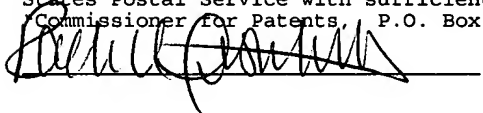
Respectfully submitted,
Takayuki Takahashi et al


By _____
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Date: April 24, 2006

I, Rachel Piscitelli, hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on April 24, 2006.



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/668,967		
		Filing Date	September 23, 2003		
		First Named Inventor	Takayuki Takahashi et al.		
		Art Unit	1775		
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	03-592

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Chiang W. L. et al: "Effect of Substrate and Pretreatment on Copper to AlN Direct Bonds" Ceramic Engineering and Science Proceedings, Columbus, US, vol. 12, no. 9/10 (1991), pgs. 2105-2114.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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